

iGEM TU/e 2014

Biomedical Engineering

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Plasmid and gene digestion

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1 Plasmid and gene digestion

http://www.addgene.org/plasmid_protocols/restriction_digest/

Component	Quantity/mass/final concentration	Volume (µL)
H ₂ O		..
10x buffer (Cut-Smart)	1 X	5 µL
Plasmid DNA	5 µg (stock ... ng/µL)	..
...	20 U (20 U/µL stock)	1 µL
...	20 U (20 U/µL stock)	1 µL
<i>Total</i>		50

- Mix well by pipetting up and down
- Incubate for 1 hour at 37°C, in PCR machine
- Heat inactivate for 20 min at 65°C, in PCR machine
- Store in fridge (-30°C)